

855**Purchase Order Acknowledgment****Functional Group=PR**

This Draft Standard for Trial Use contains the format and establishes the data contents of the Purchase Order Acknowledgment Transaction Set (855) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide for customary and established business and industry practice relative to a seller's acknowledgment of a buyer's purchase order. This transaction set can also be used as notification of a vendor generated order. This usage advises a buyer that a vendor has or will ship merchandise as prearranged in their partnership.

Heading:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
10	ST	Transaction Set Header	M	1			Must use
20	BAK	Beginning Segment for Purchase Order Acknowledgment	M	1			Must use
40	CUR	Currency	O	1			Used
50	REF	Reference Identification	O	>1			Used
150	DTM	Date/Time Reference	O	10			Used
LOOP ID - N1		-	-	-	200	-	-
300	N1	Name	O	1			Must use

Detail:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
LOOP ID - PO1		-	-	-	100000	N2/10L	-
10	PO1	Baseline Item Data	O	1		N2/10	Used
15	LIN	Item Identification	O	1			Used
40	CTP	Pricing Information	O	>1			Used
LOOP ID - PID		-	-	-	1000	-	-
50	PID	Product/Item Description	O	1			Used
100	REF	Reference Identification	O	>1			Used
LOOP ID - SAC		-	-	-	25	-	-
130	SAC	Service, Promotion, Allowance, or Charge Information	O	1			Used
LOOP ID - ACK		-	-	-	104	-	-
270	ACK	Line Item Acknowledgment	O	1			Used
LOOP ID - N9		-	-	-	1000	-	-
350	N9	Reference Identification	O	1			Used

Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
LOOP ID - CTT		-	-	-	1	N3/10L	-
10	CTT	Transaction Totals	O	1		N3/10	Must use
30	SE	Transaction Set Trailer	M	1			Must use

Notes:

- 2/10L PO102 is required.
- 2/10 PO102 is required.
- 3/10L The number of line items (CTT01) is the accumulation of the number of PO1 segments. If used, hash total (CTT02) is the sum of the value of quantities ordered (PO102) for each PO1 segment.
- 3/10 The number of line items (CTT01) is the accumulation of the number of PO1 segments. If used, hash total (CTT02) is the sum of the value of quantities ordered (PO102) for each PO1 segment.

User Note 1: This transaction set is used to acknowledge an order placed directly with a vendor - no 850 has been sent/received. All acceptances and/or rejections are handled at the item (PO1 and ACK) level.

ST**Transaction Set Header**

Pos: 10	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

To indicate the start of a transaction set and to assign a control number

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
ST01	143	Transaction Set Identifier Code Description: Code uniquely identifying a Transaction Set	M	ID	3/3	Must use
		Code Name 855 Purchase Order Acknowledgment				
<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
ST02	329	Transaction Set Control Number Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	M	AN	4/9	Must use
		User Note 1: <i>This unique control number is assigned by the originator of the transaction set or by the originator's application program. This same number is carried in SE02.</i>				

Semantics:

1. The transaction set identifier (ST01) used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).

BAK Beginning Segment for Purchase Order Acknowledgment

Pos: 20 Max: 1
 Heading - Mandatory
 Loop: N/A Elements: 6

User Option (Usage): Must use

To indicate the beginning of the Purchase Order Acknowledgment Transaction Set and transmit identifying numbers and dates

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
BAK01	353	Transaction Set Purpose Code Description: Code identifying purpose of transaction set	M	ID	2/2	Must use
		<u>Code</u> <u>Name</u>				
		00 Original				
		User Note 1: Use to indicate an original transmission of an 855 transaction set.				
		07 Duplicate				
		User Note 1: Use to indicate a retransmission of a previously transmitted 855 transaction set.				
<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
BAK02	587	Acknowledgment Type Description: Code specifying the type of acknowledgment	M	ID	2/2	Must use
		<u>Code</u> <u>Name</u>				
		AC Acknowledge - With Detail and Change				
		User Note 1: Use to indicate an order is being acknowledged with detail and/or changes. This may include the rejection of one or more line items.				
<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
BAK03	324	Purchase Order Number Description: Identifying number for Purchase Order assigned by the orderer/purchaser	M	AN	1/22	Must use
		User Note 1: Use to identify the award instrument number (PIIN) to which this transaction set applies.				
BAK04	373	Date Description: Date expressed as CCYYMMDD	M	DT	8/8	Must use
		User Note 1: Use to identify the effective date of the award instrument to which this transaction set applies.				
BAK05	328	Release Number Description: Number identifying a release against a Purchase Order previously placed by the parties involved in the transaction	O	AN	1/30	Must use
		User Note 1: Use to identify the number of a release, call or delivery order (SPIIN) against a basic award instrument to which this transaction set applies.				
BAK09	373	Date Description: Date expressed as CCYYMMDD	O	DT	8/8	Must use
		User Note 1: Use to identify the date this 855 transaction set was transmitted.				

Semantics:

1. BAK04 is the date assigned by the purchaser to purchase order.
2. BAK08 is the seller's order number.
3. BAK09 is the date assigned by the sender to the acknowledgment.

CUR Currency

Pos: 40	Max: 1
Heading - Optional	
Loop: N/A	Elements: 2

User Option (Usage): Used

To specify the currency (dollars, pounds, francs, etc.) used in a transaction

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
CUR01	98	Entity Identifier Code Description: Code identifying an organizational entity, a physical location, property or an individual	M	ID	2/3	Must use
		Code Name BY Buying Party (Purchaser)				
<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
CUR02	100	Currency Code Description: Code (Standard ISO) for country in whose currency the charges are specified	M	ID	3/3	Must use

Syntax:

1. C0807 - If CUR08 is present, then all of CUR07 are required
2. C0907 - If CUR09 is present, then all of CUR07 are required
3. L101112 - If CUR10 is present, then at least one of CUR11,CUR12 is required
4. C1110 - If CUR11 is present, then all of CUR10 are required
5. C1210 - If CUR12 is present, then all of CUR10 are required
6. L131415 - If CUR13 is present, then at least one of CUR14,CUR15 is required
7. C1413 - If CUR14 is present, then all of CUR13 are required
8. C1513 - If CUR15 is present, then all of CUR13 are required
9. L161718 - If CUR16 is present, then at least one of CUR17,CUR18 is required
10. C1716 - If CUR17 is present, then all of CUR16 are required
11. C1816 - If CUR18 is present, then all of CUR16 are required
12. L192021 - If CUR19 is present, then at least one of CUR20,CUR21 is required
13. C2019 - If CUR20 is present, then all of CUR19 are required
14. C2119 - If CUR21 is present, then all of CUR19 are required

Comments:

1. See Figures Appendix for examples detailing the use of the CUR segment.

User Note 1: Use only if ordering currency is not US Dollars.

REF Reference Identification

Pos: 50	Max: >1
Heading - Optional	
Loop: N/A	Elements: 3

User Option (Usage): Used

To specify identifying information

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
REF01	128	Reference Identification Qualifier Description: Code qualifying the Reference Identification	M	ID	2/3	Must use
		<u>Code</u> <u>Name</u>				
		CR Customer Reference Number				
		User Note 1: For use by Medical only. Customer ID at the MTF. The customer ID plus the MTF DUNS (N1 seg.) plus the order type code (N901=WF) should equal a Prime Vendor's internal account number.				
		FU Fund Code				
		User Note 1: If a credit card order, the Fund Code is REQUIRED (at the header or item level) and should be "XP".				
		IL Internal Order Number				
		User Note 1: Customer's Summary Document/Requisition Number				
		P4 Project Code				
		User Note 1: Cite the three-digit alpha-numeric project code.				
		T4 Signal Code				
		User Note 1: If a credit card order, the Signal Code is REQUIRED (at header or item level) and should be "B".				
		WF Locally Assigned Control Number				
		User Note 1: Order Type Code:				
		"JIT" - Just-in-Time "DRS" - Drop Ship "SRG" - Surge "USE" - Usage "NUS" - Non-Usage "RSO" - Retail Stock "CMO" - Commercial Material "GSD" - GSD "SBO" - Spot Buys "TOM" - TOMS "CSB" - CSB "SVC" - Services (non-material) "SMO" - SAMMS Material "R" - Routine "U" - Urgent "E" - Emergency				
		XY Other Unlisted Type of Reference Number				
		User Note 1: When "XY" is used, REF02 will contain the data value and REF03 will contain the data type descriptor.				
		REF03 values:				
		"CREDIT CARD IND" - REF02="Y", Credit Card Order If this is a credit card order, the Signal Code (detail level REF01=T4), Fund Code (detail level REF01=FU) and Supplementary Address (detail level REF01=XY) are REQUIRED.				

"SUPPL ADDRESS", REF02=Supplementary Address. Note: if this is a credit card order, the Supplementary Address is REQUIRED and should be "SC0501" for C&E orders or "SC0209" for Medical orders.

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
REF02	127	Reference Identification Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X	AN	1/30	Must use
REF03	352	Description Description: A free-form description to clarify the related data elements and their content	X	AN	1/80	Used

Syntax:

1. R0203 - At least one of REF02,REF03 is required

Semantics:

1. REF04 contains data relating to the value cited in REF02.

DTM Date/Time Reference

Pos: 150	Max: 10
Heading - Optional	
Loop: N/A	Elements: 2

User Option (Usage): Used

To specify pertinent dates and times

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
DTM01	374	Date/Time Qualifier Description: Code specifying type of date or time, or both date and time	M	ID	3/3	Must use
		Code 996		Name Required Delivery		
User Note 1: Customer's Required Delivery Date						
<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
DTM02	373	Date Description: Date expressed as CCYYMMDD	X	DT	8/8	Used

Syntax:

1. R020305 - At least one of DTM02,DTM03,DTM05 is required
2. C0403 - If DTM04 is present, then all of DTM03 are required
3. P0506 - If either DTM05,DTM06 is present, then all are required

Loop N1

Pos: 300	Repeat: 200
Optional	
Loop: N1	Elements: N/A

To identify a party by type of organization, name, and code

Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
300	N1	Name	O	1		Must use

User Note 1: *At least 2 iterations of this segment are REQUIRED with N101 citing code BY and SE.*

N1**Name**

Pos: 300	Max: 1
Heading - Optional	
Loop: N1	Elements: 3

User Option (Usage): Must use

To identify a party by type of organization, name, and code

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N101	98	Entity Identifier Code Description: Code identifying an organizational entity, a physical location, property or an individual	M	ID	2/3	Must use
		Code Name				
		BY Buying Party (Purchaser)				
		R6 Requester				
		SE Selling Party				
		ST Ship To				
<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N103	66	Identification Code Qualifier Description: Code designating the system/method of code structure used for Identification Code (67)	X	ID	1/2	Must use
		Code Name				
		1 D-U-N-S Number, Dun & Bradstreet				
		User Note 1: For use by Medical only.				
		10 Department of Defense Activity Address Code (DODAAC)				
		User Note 1: Use to indicate either a Department of Defense Activity Address Code or a Civilian Agency Activity Address Code.				
		33 Commercial and Government Entity (CAGE)				
		User Note 1: Use to indicate vendors with CAGE codes.				
<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N104	67	Identification Code Description: Code identifying a party or other code	X	AN	2/80	Must use

Syntax:

1. R0203 - At least one of N102,N103 is required
2. P0304 - If either N103,N104 is present, then all are required

Comments:

1. This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
2. N105 and N106 further define the type of entity in N101.

Loop PO1

Pos: 10	Repeat: 100000
Optional	
Loop: PO1	Elements: N/A

To specify basic and most frequently used line item data

Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
10	PO1	Baseline Item Data	O	1		Used
15	LIN	Item Identification	O	1		Used
40	CTP	Pricing Information	O	>1		Used
50		Loop PID	O		1000	Used
100	REF	Reference Identification	O	>1		Used
130		Loop SAC	O		25	Used
270		Loop ACK	O		104	Used
350		Loop N9	O		1000	Used

PO1 Baseline Item Data

Pos: 10	Max: 1
Detail - Optional	
Loop: PO1	Elements: 10

User Option (Usage): Used

To specify basic and most frequently used line item data

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>																						
PO101	350	Assigned Identification Description: Alphanumeric characters assigned for differentiation within a transaction set User Note 1: <i>Cite the customer's PO line item number (CLIN).</i>	O	AN	1/20	Must use																						
PO102	330	Quantity Ordered Description: Quantity ordered User Note 1: <i>Quantity accepted by the selling party.</i> <i>This element always contains the "FILL" quantity. If the "FILL" quantity is less than the customer's original order quantity, cite the "KILL" quantity in ACK02.</i>	X	R	1/15	Must use																						
PO103	355	Unit or Basis for Measurement Code Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken User Note 1: <i>Use to identify the unit of measure applicable to the quantity cited in PO102.</i> All valid standard codes are used.	O	ID	2/2	Must use																						
PO104	212	Unit Price Description: Price per unit of product, service, commodity, etc. User Note 1: <i>Cite the Burdened Unit Price</i>	X	R	1/17	Used																						
PO106	235	Product/Service ID Qualifier Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234) User Note 1: <i>1. Cite the appropriate code to identify the line item.</i> <i>2. Use the LIN segment for the identification of manufacturers and associated part numbers.</i>	X	ID	2/2	Used																						
		<table><tr><th><u>Code</u></th><th><u>Name</u></th></tr><tr><td>FS</td><td>National Stock Number</td></tr><tr><td>HI</td><td>HIBC (Health Care Industry Bar Code)</td></tr><tr><td>IB</td><td>International Standard Book Number (ISBN)</td></tr><tr><td>IN</td><td>Buyer's Item Number</td></tr><tr><td>N4</td><td>National Drug Code in 5-4-2 Format</td></tr><tr><td>ND</td><td>National Drug Code (NDC)</td></tr><tr><td>UK</td><td>U.P.C./EAN Shipping Container Code (1-2-5-5-1)</td></tr><tr><td>UX</td><td>Universal Product Number</td></tr><tr><td>VC</td><td>Vendor's (Seller's) Catalog Number</td></tr><tr><td>VP</td><td>Vendor's (Seller's) Part Number</td></tr></table>	<u>Code</u>	<u>Name</u>	FS	National Stock Number	HI	HIBC (Health Care Industry Bar Code)	IB	International Standard Book Number (ISBN)	IN	Buyer's Item Number	N4	National Drug Code in 5-4-2 Format	ND	National Drug Code (NDC)	UK	U.P.C./EAN Shipping Container Code (1-2-5-5-1)	UX	Universal Product Number	VC	Vendor's (Seller's) Catalog Number	VP	Vendor's (Seller's) Part Number				
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PO107	234	Product/Service ID Description: Identifying number for a product or service	X	AN	1/48	Used																						
PO108	235	Product/Service ID Qualifier Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)	X	ID	2/2	Used																						

<u>Code</u>	<u>Name</u>
FS	National Stock Number
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IB	International Standard Book Number (ISBN)
IN	Buyer's Item Number
N4	National Drug Code in 5-4-2 Format
ND	National Drug Code (NDC)
UK	U.P.C./EAN Shipping Container Code (1-2-5-5-1)
UX	Universal Product Number
VC	Vendor's (Seller's) Catalog Number
VP	Vendor's (Seller's) Part Number

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
PO109	234	Product/Service ID Description: Identifying number for a product or service	X	AN	1/48	Used
PO110	235	Product/Service ID Qualifier Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)	X	ID	2/2	Used

<u>Code</u>	<u>Name</u>
FS	National Stock Number
HI	HIBC (Health Care Industry Bar Code)
IB	International Standard Book Number (ISBN)
IN	Buyer's Item Number
N4	National Drug Code in 5-4-2 Format
ND	National Drug Code (NDC)
UK	U.P.C./EAN Shipping Container Code (1-2-5-5-1)
UX	Universal Product Number
VC	Vendor's (Seller's) Catalog Number
VP	Vendor's (Seller's) Part Number

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
PO111	234	Product/Service ID Description: Identifying number for a product or service	X	AN	1/48	Used

Syntax:

1. C0302 - If PO103 is present, then all of PO102 are required
2. C0504 - If PO105 is present, then all of PO104 are required
3. P0607 - If either PO106,PO107 is present, then all are required
4. P0809 - If either PO108,PO109 is present, then all are required
5. P1011 - If either PO110,PO111 is present, then all are required
6. P1213 - If either PO112,PO113 is present, then all are required
7. P1415 - If either PO114,PO115 is present, then all are required
8. P1617 - If either PO116,PO117 is present, then all are required
9. P1819 - If either PO118,PO119 is present, then all are required
10. P2021 - If either PO120,PO121 is present, then all are required
11. P2223 - If either PO122,PO123 is present, then all are required
12. P2425 - If either PO124,PO125 is present, then all are required

Comments:

1. See the Data Element Dictionary for a complete list of IDs.
2. PO101 is the line item identification.
3. PO106 through PO125 provide for ten different product/service IDs per each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.

User Note 1: 1. Use this segment to identify all line items, with status and other relevant detail.

2. When one or more line items are rejected, identify the line items in this segment and cite the appropriate code in ACK01.

LIN**Item Identification**

Pos: 15	Max: 1
Detail - Optional	
Loop: PO1	Elements: 6

User Option (Usage): Used

To specify basic item identification data

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
LIN02	235	Product/Service ID Qualifier Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)	M	ID	2/2	Must use
		<u>Code</u> <u>Name</u> MF Manufacturer				
User Note 1: Cite the manufacturer's name.						
Ref	Id	Element Name	Req	Type	Min/Max	Usage
LIN03	234	Product/Service ID Description: Identifying number for a product or service	M	AN	1/48	Must use
LIN04	235	Product/Service ID Qualifier Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)	X	ID	2/2	Used
		<u>Code</u> <u>Name</u> MG Manufacturer's Part Number				
Ref	Id	Element Name	Req	Type	Min/Max	Usage
LIN05	234	Product/Service ID Description: Identifying number for a product or service	X	AN	1/48	Used
LIN06	235	Product/Service ID Qualifier Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)	X	ID	2/2	Used
		<u>Code</u> <u>Name</u> ZB Commercial and Government Entity (CAGE) Code				
User Note 1: Cite the manufacturer's CAGE.						
Ref	Id	Element Name	Req	Type	Min/Max	Usage
LIN07	234	Product/Service ID Description: Identifying number for a product or service	X	AN	1/48	Used

Syntax:

1. P0405 - If either LIN04,LIN05 is present, then all are required
2. P0607 - If either LIN06,LIN07 is present, then all are required
3. P0809 - If either LIN08,LIN09 is present, then all are required
4. P1011 - If either LIN10,LIN11 is present, then all are required
5. P1213 - If either LIN12,LIN13 is present, then all are required
6. P1415 - If either LIN14,LIN15 is present, then all are required
7. P1617 - If either LIN16,LIN17 is present, then all are required
8. P1819 - If either LIN18,LIN19 is present, then all are required
9. P2021 - If either LIN20,LIN21 is present, then all are required
10. P2223 - If either LIN22,LIN23 is present, then all are required
11. P2425 - If either LIN24,LIN25 is present, then all are required
12. P2627 - If either LIN26,LIN27 is present, then all are required
13. P2829 - If either LIN28,LIN29 is present, then all are required
14. P3031 - If either LIN30,LIN31 is present, then all are required

Semantics:

1. LIN01 is the line item identification

Comments:

1. See the Data Dictionary for a complete list of IDs.
2. LIN02 through LIN31 provide for fifteen different product/service IDs for each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.

User Note 1: *Use this segment to identify a manufacturer, with an associated manufacturer's part number for the product specified in the PO1 segment.*

CTP Pricing Information

Pos: 40	Max: >1
Detail - Optional	
Loop: PO1	Elements: 2

User Option (Usage): Used

To specify pricing information

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
CTP02	236	Price Identifier Code Description: Code identifying pricing specification	X	ID	3/3	Must use
		Code Name				
		BCH Base Charge				
		User Note 1: Cite the Unburdened Unit Price in CTP03.				
		STA Standard Price				
		User Note 1: Cite the Standard Unit Price in CTP03.				
<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
CTP03	212	Unit Price Description: Price per unit of product, service, commodity, etc.	X	R	1/17	Must use

Syntax:

1. P0405 - If either CTP04,CTP05 is present, then all are required
2. C0607 - If CTP06 is present, then all of CTP07 are required
3. C0902 - If CTP09 is present, then all of CTP02 are required
4. C1002 - If CTP10 is present, then all of CTP02 are required
5. C1103 - If CTP11 is present, then all of CTP03 are required

Semantics:

1. CTP07 is a multiplier factor to arrive at a final discounted price. A multiplier of .90 would be the factor if a 10% discount is given.
2. CTP08 is the rebate amount.

Comments:

1. See Figures Appendix for an example detailing the use of CTP03 and CTP04.
2. See Figures Appendix for an example detailing the use of CTP03, CTP04 and CTP07.

Loop PID

Pos: 50	Repeat: 1000
Optional	
Loop: PID	Elements: N/A

To describe a product or process in coded or free-form format

Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
50	PID	Product/Item Description	O	1		Used

PID**Product/Item Description**

Pos: 50	Max: 1
Detail - Optional	
Loop: PID	Elements: 2

User Option (Usage): Used

To describe a product or process in coded or free-form format

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
PID01	349	Item Description Type Description: Code indicating the format of a description	M	ID	1/1	Must use
		<u>Code</u> <u>Name</u>				
		F Free-form				
<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
PID05	352	Description Description: A free-form description to clarify the related data elements and their content	X	AN	1/80	Used

Syntax:

1. C0403 - If PID04 is present, then all of PID03 are required
2. R0405 - At least one of PID04,PID05 is required
3. C0703 - If PID07 is present, then all of PID03 are required
4. C0804 - If PID08 is present, then all of PID04 are required
5. C0905 - If PID09 is present, then all of PID05 are required

Semantics:

1. Use PID03 to indicate the organization that publishes the code list being referred to.
2. PID04 should be used for industry-specific product description codes.
3. PID08 describes the physical characteristics of the product identified in PID04. A "Y" indicates that the specified attribute applies to this item; an "N" indicates it does not apply. Any other value is indeterminate.
4. PID09 is used to identify the language being used in PID05.

Comments:

1. If PID01 equals "F", then PID05 is used. If PID01 equals "S", then PID04 is used. If PID01 equals "X", then both PID04 and PID05 are used.
2. Use PID06 when necessary to refer to the product surface or layer being described in the segment.
3. PID07 specifies the individual code list of the agency specified in PID03.

REF Reference Identification

Pos: 100	Max: >1
Detail - Optional	
Loop: PO1	Elements: 3

User Option (Usage): Used

To specify identifying information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
REF01	128	Reference Identification Qualifier	M	ID	2/3	Must use
		Description: Code qualifying the Reference Identification				
		Code		Name		
	16	Military Interdepartmental Purchase Request (MIPR) Number				
	FU	Fund Code				
		User Note 1: If a credit card order, the Fund Code is REQUIRED (at the header or item level) and should be "XP".				
	IL	Internal Order Number				
		User Note 1: MILSTRIP Requisition Number. Cite if different from (header) Summary Document number.				
	P7	Product Line Number				
		User Note 1: Core List Item Number				
	T4	Signal Code				
		User Note 1: If a credit card order, the Signal Code is REQUIRED (at header or item level) and should be "B".				
	W2	Weapon System Number				
	W8	Suffix				
		User Note 1: MILSTRIP Requisition Suffix				
	XY	Other Unlisted Type of Reference Number				
		User Note 1: When "XY" is used, REF02 will contain the data value and REF03 will contain the data type descriptor.				
		REF03 values:				
		"PRICE IND" - IPV only:				
		REF02="D", DLA Contract				
		REF02="C", Commerical Price				
		C&E only:				
		REF02="PR", Product				
		REF02="SE", Service				
		REF02="BE", Bench Stock				
		REF02="AF", Air Freight				
		REF02="FR", Freight				
		"RESOURCE COST CTR", REF02= Resource Cost Center				
		"SUBC SOCIOEC CODE", REF02= Subcontractor Socio-Economic Code				
		"CONTRACTOR PO", REF02= Contractor PO#				
		"CONTRACTOR CONTROL NUM", REF02= Contractor Control Number				
		"SHOP LOC", REF02= Customer Shop Location				
		"BIN LOC", REF02= Bin Location				
		"SUPPL ADDRESS", REF02=Supplementary Address. Note: if this is a credit card order, the Supplementary Address is REQUIRED and should be "SC0501" for C&E				

orders or "SC0209" for Medical orders.

"TRANSP INCL" - REF02="Y", Transportation Included in unit price,
REF02="N", Transportation not Included

"LEVEL A PKG" - REF02="Y", Level A Packaging,
REF02="N", not Level A Packaging

"TREATED" - REF02="Y", Treated Material (e.g. lumber),
REF02="N", not Treated Material

"PRICE UNIT" - REF02="TL", Truckload
REF02="US", Unit
REF02="LU", Less than Unit

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
REF02	127	Reference Identification Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X	AN	1/30	Used
REF03	352	Description Description: A free-form description to clarify the related data elements and their content	X	AN	1/80	Used

Syntax:

1. R0203 - At least one of REF02,REF03 is required

Semantics:

1. REF04 contains data relating to the value cited in REF02.

Loop SAC

Pos: 130	Repeat: 25
Optional	
Loop: SAC	Elements: N/A

To request or identify a service, promotion, allowance, or charge; to specify the amount or percentage for the service, promotion, allowance, or charge

Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
130	SAC	Service, Promotion, Allowance, or Charge Information	O	1		Used

SAC Service, Promotion, Allowance, or Charge Information

Pos: 130	Max: 1
Detail - Optional	
Loop: SAC	Elements: 9

User Option (Usage): Used

To request or identify a service, promotion, allowance, or charge; to specify the amount or percentage for the service, promotion, allowance, or charge

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
SAC01	248	Allowance or Charge Indicator Description: Code which indicates an allowance or charge for the service specified <u>Code</u> <u>Name</u> N No Allowance or Charge	M	ID	1/1	Must use
SAC02	1300	Service, Promotion, Allowance, or Charge Code Description: Code identifying the service, promotion, allowance, or charge User Note 1: Any code may be used. <i>The following codes are used for the Wood and Metal PV programs:</i> A520 Base Charge (Wood/Metal) - use to specify the cost, per ordered unit, of the raw material product from the mill. B620 Container Stuffing (Wood) - use to specify the cost of obtaining and loading containers. B760 Cost Recovery Factor - use to specify CRR % in SAC07. F150 Packaging Service (Wood) - use to specify the shipping cost, per Bundle. G821 Shipping (Metal) - use to specify the shipping cost, per ordered unit. H151 Special Services (Metal) - use to specify the cost of extra services, per ordered unit. All valid standard codes are used.	X	ID	4/4	Used
SAC05	610	Amount Description: Monetary amount User Note 1: Total Amount - not a "per unit" amount.	O	N2	1/15	Used
SAC06	378	Allowance/Charge Percent Qualifier Description: Code indicating on what basis allowance or charge percent is calculated User Note 1: Use when SAC02 = B760 (Cost Recovery Factor) only. <u>Code</u> <u>Name</u> 2 Item Net Cost	X	ID	1/1	Used
SAC07	332	Percent Description: Percent expressed as a percent	X	R	1/6	Used

		User Note 1: Use when SAC02 = B760 (Cost Recovery Factor) only.				
SAC08	118	Rate Description: Rate expressed in the standard monetary denomination for the currency specified User Note 1: Amount per ordering unit. Alternate quantity/uom can be specified in SAC09 and SAC10. DO NOT use when SAC02 = B760 (Cost Recovery Factor).	O	R	1/9	Used
SAC09	355	Unit or Basis for Measurement Code Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken User Note 1: Use only when SAC02 = "F150".	X	ID	2/2	Used
Ref	Id	Code Name BD Bundle				
		Element Name	Req	Type	Min/Max	Usage
SAC10	380	Quantity Description: Numeric value of quantity User Note 1: Number of Bundles in the Shipment. Use only when SAC02="F150".	X	R	1/15	Used
SAC15	352	Description Description: A free-form description to clarify the related data elements and their content	X	AN	1/80	Not recom

Syntax:

1. R0203 - At least one of SAC02,SAC03 is required
2. P0304 - If either SAC03,SAC04 is present, then all are required
3. P0607 - If either SAC06,SAC07 is present, then all are required
4. P0910 - If either SAC09,SAC10 is present, then all are required
5. C1110 - If SAC11 is present, then all of SAC10 are required
6. L130204 - If SAC13 is present, then at least one of SAC02,SAC04 is required
7. C1413 - If SAC14 is present, then all of SAC13 are required
8. C1615 - If SAC16 is present, then all of SAC15 are required

Semantics:

1. If SAC01 is "A" or "C", then at least one of SAC05, SAC07, or SAC08 is required.
2. SAC05 is the total amount for the service, promotion, allowance, or charge.
3. If SAC05 is present with SAC07 or SAC08, then SAC05 takes precedence.
4. SAC08 is the allowance or charge rate per unit.
5. SAC10 and SAC11 is the quantity basis when the allowance or charge quantity is different from the purchase order or invoice quantity.
6. SAC10 and SAC11 used together indicate a quantity range, which could be a dollar amount, that is applicable to service, promotion, allowance, or charge.
7. SAC13 is used in conjunction with SAC02 or SAC04 to provide a specific reference number as identified by the code used.
8. SAC14 is used in conjunction with SAC13 to identify an option when there is more than one option of the promotion.
9. SAC16 is used to identify the language being used in SAC15.

Comments:

1. SAC04 may be used to uniquely identify the service, promotion, allowance, or charge. In addition, it may be used in conjunction to further the code in SAC02.
2. In some business applications, it is necessary to advise the trading partner of the actual dollar amount that a particular allowance, charge, or promotion was based on to reduce ambiguity. This amount is commonly referred to as "Dollar Basis Amount". It is represented in the SAC segment in SAC10 using the qualifier "DO" - Dollars in SAC09.

Loop ACK

Pos: 270	Repeat: 104
Optional	
Loop: ACK	Elements: N/A

To acknowledge the ordered quantities and specify the ready date for a specific line item

Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
270	ACK	Line Item Acknowledgment	O	1		Used

ACK Line Item Acknowledgment

Pos: 270	Max: 1
Detail - Optional	
Loop: ACK	Elements: 5

User Option (Usage): Used

To acknowledge the ordered quantities and specify the ready date for a specific line item

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ACK01	668	Line Item Status Code	M	ID	2/2	Must use

Description: Code specifying the action taken by the seller on a line item requested by the buyer

User Note 1: 1. Cite codes IA or IP if the "KILL" quantity is zero and the "FILL" quantity equals the customer's original order quantity.

2. Cite code IS if the "KILL" quantity is zero and the "FILL" quantity equals the customer's original order quantity and the item number has changed from the customer's originally requested item number.

3. Otherwise cite the listed code that best describes the "KILL" quantity reason.

Code	Name
IA	Item Accepted
IB	Item Backordered
ID	Item Deleted
IP	Item Accepted - Price Changed
IQ	Item Accepted - Quantity Changed
IR	Item Rejected
IS	Item Accepted - Substitution Made
R1	Item Rejected, Not a Contract Item
R2	Item Rejected, Invalid Item Product Number
R3	Item Rejected, Invalid Unit of Issue
R4	Item Rejected, Contract Item not Available
R5	Item Rejected, Reorder Item as a Just in Time (JIT) Order
R6	Item Rejected, Reorder Item as an Extended Delivery Order (EDO)
R7	Item Rejected, Reorder Item as a Drop Shipment
R8	Item Rejected, Reorder Item as a Surge Order

User Note 1: Cite code 068 in ACK04 and the projected shipping date in ACK05.

User Note 1: Use this code only when a codes R1-R8 do not apply.

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ACK02	380	Quantity	X	R	1/15	Used

Description: Numeric value of quantity

User Note 1: Cite the "KILL" quantity when PO102 contains a quantity less than the customer's original order quantity.

ACK03	355	Unit or Basis for Measurement Code	X	ID	2/2	Used
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Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

All valid standard codes are used.

ACK04	374	Date/Time Qualifier	O	ID	3/3	Used
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Description: Code specifying type of date or time, or both date and time

Code	Name
------	------

		068	Current Schedule Ship				
<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	
ACK05	373	Date	X	DT	8/8	Used	
Description: Date expressed as CCYYMMDD							

Syntax:

1. P0203 - If either ACK02,ACK03 is present, then all are required
2. C0405 - If ACK04 is present, then all of ACK05 are required
3. P0708 - If either ACK07,ACK08 is present, then all are required
4. P0910 - If either ACK09,ACK10 is present, then all are required
5. P1112 - If either ACK11,ACK12 is present, then all are required
6. P1314 - If either ACK13,ACK14 is present, then all are required
7. P1516 - If either ACK15,ACK16 is present, then all are required
8. P1718 - If either ACK17,ACK18 is present, then all are required
9. P1920 - If either ACK19,ACK20 is present, then all are required
10. P2122 - If either ACK21,ACK22 is present, then all are required
11. P2324 - If either ACK23,ACK24 is present, then all are required
12. P2526 - If either ACK25,ACK26 is present, then all are required
13. P2728 - If either ACK27,ACK28 is present, then all are required
14. C282729 - If ACK28 is present, then all of ACK27,ACK29 are required

Semantics:

1. ACK29 Industry Reason Code may be used to identify the item status. In addition, it may be used in conjunction with ACK01 to further clarify the status.

Loop N9

Pos: 350	Repeat: 1000
Optional	
Loop: N9	Elements: N/A

To transmit identifying information as specified by the Reference Identification Qualifier

Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
350	N9	Reference Identification	O	1		Used

User Note 1: *This loop is used only within the Department of Defense Prime Vendor program.*

N9

Reference Identification

Pos: 350

Max: 1

Detail - Optional

Loop: N9

Elements: 2

User Option (Usage): Used

To transmit identifying information as specified by the Reference Identification Qualifier

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N901	128	Reference Identification Qualifier	M	ID	2/3	Must use
		Description: Code qualifying the Reference Identification				
		Code		Name		
		PL		Price List Number		
		User Note 1: Use to indicate the Defense Supply Center Philadelphia Distribution and Pricing Agreement number applicable to the Prime Vendor source fulfilling this line item. Cite the item's DAPA, FSS or GPO contract number.				
Ref	Id	Element Name	Req	Type	Min/Max	Usage
N902	127	Reference Identification	X	AN	1/30	Used
		Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier				

Syntax:

- 1. R0203 - At least one of N902,N903 is required
- 2. C0605 - If N906 is present, then all of N905 are required

Semantics:

- 1. N906 reflects the time zone which the time reflects.
- 2. N907 contains data relating to the value cited in N902.

Loop CTT

Pos: 10	Repeat: 1
Optional	
Loop: CTT	Elements: N/A

To transmit a hash total for a specific element in the transaction set

Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
10	CTT	Transaction Totals	O	1		Must use

CTT Transaction Totals

Pos: 10	Max: 1
Summary - Optional	
Loop: CTT	Elements: 2

User Option (Usage): Must use

To transmit a hash total for a specific element in the transaction set

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
CTT01	354	Number of Line Items Description: Total number of line items in the transaction set User Note 1: Use to identify the total number of PO1 segments contained in this transaction set.	M	N0	1/6	Must use
CTT02	347	Hash Total Description: Sum of values of the specified data element. All values in the data element will be summed without regard to decimal points (explicit or implicit) or signs. Truncation will occur on the left most digits if the sum is greater than the maximum size of the hash total of the data element. Example: -.0018 First occurrence of value being hashed. .18 Second occurrence of value being hashed. 1.8 Third occurrence of value being hashed. 18.01 Fourth occurrence of value being hashed. ----- 1855 Hash total prior to truncation. 855 Hash total after truncation to three-digit field. User Note 1: Use to identify the sum of the quantities (PO102) for all PO1 segments.	O	R	1/10	Used

Syntax:

1. P0304 - If either CTT03,CTT04 is present, then all are required
2. P0506 - If either CTT05,CTT06 is present, then all are required

Comments:

1. This segment is intended to provide hash totals to validate transaction completeness and correctness.

SE

Transaction Set Trailer

Pos: 30

Max: 1

Summary - Mandatory

Loop: N/A

Elements: 2

User Option (Usage): Must use

To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SE01	96	Number of Included Segments Description: Total number of segments included in a transaction set including ST and SE segments	M	N0	1/10	Must use
SE02	329	Transaction Set Control Number Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set User Note 1: <i>This is the same number as ST02.</i>	M	AN	4/9	Must use

Comments:

- 1. SE is the last segment of each transaction set.